

## **Section 1**

### **EPA Site ID**

TX0000605329

### **NPL Proposed/listing dates**

Proposed: 6/14/2001

Final Listing: 9/5/2002

### **Site Name**

Patrick Bayou

### **Street Address**

North 29 43'55" / W 95 06'52.5"

### **City(ies)**

Deer Park

### **County(ies)**

Harris

### **STATE(s)**

TX

### **Congressional District(s)**

29

### **Zip code(s)**

77536

### **RPM**

Philip Allen

### **CIC**

Jason McKinney

### **State/Facility Contact**

State Contact (TCEQ): April Palmie 512-239-4152

### **Site Headline**

Patrick Bayou is one of several small bayous of the Houston Ship Channel (HSC) located within the lower portion of the San Jacinto River Basin.

## **Section 2**

### **Current Site Status (complete for deleted, minimally active, smaller sites)**

The U.S. Environmental Protection Agency (EPA) and the Potentially Responsible Parties (PRPs) have completed negotiations, and have entered into an Administrative Order on Consent (AOC) to conduct the Remedial Investigation and Feasibility Study (RI/FS) for the Site. The purpose of the RI/FS is to

determine the nature and extent of contamination and to gather sufficient information about the Site to support an informed risk management decision regarding which remedy is the most appropriate for the Site. Shell, Lubrizol Corp., and Occidental Chemical Corp, are the PRPs and have agreed to perform the RI/FS at the site. Several “rounds” of sampling have been completed. The EPA and TCEQ (as well as numerous trustees) have completed the review of the “Sediment and Surface Water COPC Delineation Data Report; and this report has now been finalized. The Human Health Risk Assessment was completed in January 2013. The draft version of the Ecological Risk Assessment is currently being reviewed by all State and Federal trustees.

### **Detailed Site Status/Upcoming Work and Next Steps (complete for larger, active sites)**

#### **Potential Risks and Exposure Pathway(s)**

A risk assessment will be performed to determine whether site contaminants pose a current or future risk to human health and the environment in the absence of any remedial action. Included in this assessment will be an identification of contaminants of concern, an assessment of exposure to those contaminants through finalization of the site conceptual model, an assessment of the toxicity of those contaminants, and a characterization of risk. This characterization will provide a basis for determining whether remedial action is necessary at the site, describe for which exposure pathways remediation is necessary, and provide justification for performance of remedial actions. Included in this assessment will be characterization of risks to both human and ecological receptors.

#### **List of Site Contaminants (List only final CoCs)**

Previous investigations confirmed the presence of the following chemicals in Patrick Bayou sediments: chromium, copper, lead, mercury, nickel, selenium, zinc, hexachlorobenzene (HCB), bis-2-ethylhexyl phthalate, polycyclic aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs).

#### **Links to Contaminant information**

Chromium

Copper

Lead

Mercury

Nickel

Selenium

Zinc

Hexachlorobenzene (HCB),

Bis-2-ethylhexyl phthalate

Polycyclic aromatic hydrocarbons (PAHs)

Polychlorinated biphenyls (PCBs)

#### **How is EPA addressing the risks/cleaning up the site?**

The investigation and cleanup of the Site will ensure the protection of human health and the environment. Specific cleanup benefits will be identified during the Remedial Investigation and Feasibility Study currently being planned for the Site.

#### **How can the Public stay safe and get involved?**

**Public Meetings/Opportunities/Comment Periods**

**Past Meetings Information**

### **Section 3**

**Site History**

**Site Map**

**Interactive Site Map – Y/N**

N

**Environmental Information – sampling work, data collected, why**

**Site Data to Highlight – Y/N**

**Non-AR Technical Documents? Y/N, keywords**

**AR on the Web**

### **Section 4**

**Newsroom link (site-specific, default to regional newsroom)**

News Releases from Region 6

(<http://yosemite.epa.gov/opa/admpress.nsf/Press%20Releases%20From%20Region%206%21OpenView>  
)

**Social Media Y/N**

N

**Announcements**

**Have Banner and Site Photos with captions and alt text? (2-30 site photos needed with captions describing what they are pictures of)**

**Video(s)/Podcasts Y/N**  
N

**Links to external/partner resources**

**Web revision contact (Ed Board or regional workgroup member responsible for the site**  
Jessica Knabel